| Substitute for Form U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE PTO-1390  |              |   |   | ATTORNEY'S DOCKET NUMBER                        |  |  |  |  |  |  |  |
|---|--------------|---|---|---|--|--|--|--|--|--|--|
| TRANSMITTAL LETTER TO THE UNITED STATES   |              |   |   | 1034456-000032                                  |  |  |  |  |  |  |  |
|   |              | DESIGNATED/ELECTED C<br>CONCERNING A FILING L   |   | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) |  |  |  |  |  |  |  |
| INT   | ERN          | ATIONAL APPLICATION NO.   | INTERNATIONAL FILING DATE   | PRIORITY DATE CLAIMED                           |  |  |  |  |  |  |  |
|   |              | PCT/FI2003/000887   | 19 November 2003 (19-11-2003)   |   |  |  |  |  |  |  |  |
| TITL  | ΕO           | FINVENTION  |   | ,   |  |  |  |  |  |  |  |
| METHOD AND DEVICE FOR CARRYING OUT SURFACE PLASMON RESONANCE MEASUREMENT  |              |   |   |   |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US   |              |   |   |   |  |  |  |  |  |  |  |
| SADOWSKI, Janusz  |              |   |   |   |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |              |   |   |   |  |  |  |  |  |  |  |
| 1.  | N            | This is a FIRST submission to items concerning a filing under 35 U.S.C. 371.  |   |   |  |  |  |  |  |  |  |
| 2.  |              |   | his is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.                      |   |  |  |  |  |  |  |  |
| 3.  |              | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below. |   |   |  |  |  |  |  |  |  |
| 4.  |              | The US has been elected by the expiration of 19 months from the priority date (Article 31).   |   |   |  |  |  |  |  |  |  |
| 5.  | $\mathbf{X}$ | A copy of the International Applicatio  | n as filed (35 U.S.C. 371(c)(2))  |   |  |  |  |  |  |  |  |
|   |              | a. is attached hereto (required   | only if not communicated by the International B   | sureau).  |  |  |  |  |  |  |  |
|   |              | b. has been communicated by   | the International Bureau.   |   |  |  |  |  |  |  |  |
|   |              |   | cation was filed in the United States Receiving C   |   |  |  |  |  |  |  |  |
| 6.  |              | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))   |   |   |  |  |  |  |  |  |  |
|   |              | a. is attached hereto.  |   |   |  |  |  |  |  |  |  |
|   |              | .,  | ed under 35 U.S.C. 154(d)(4).   |   |  |  |  |  |  |  |  |
| 7.  | X            |   | ernational Application under PCT Article 19 (35   |   |  |  |  |  |  |  |  |
|   |              | . —   | d only if not communicated by the International   | Bureau).  |  |  |  |  |  |  |  |
|   |              | have been communicated by the International Bureau.   |   |   |  |  |  |  |  |  |  |
|   |              | c. have not been made; however, the time limit for making such amendments has NOT expired.  |   |   |  |  |  |  |  |  |  |
|   | _            | d.  have not been made and wil  |   |   |  |  |  |  |  |  |  |
| 8.  |              | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |   |  |  |  |  |  |  |  |
| 9.  |              | An oath or declaration of the inventor  | n oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).   |   |  |  |  |  |  |  |  |
| 10.   |              | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).                    |   |   |  |  |  |  |  |  |  |
|   | Iten         | ns 11 to 21 below concern documer   | nt(s) or information included:  |   |  |  |  |  |  |  |  |
| 11.   | X            | An Information Disclosure Statement   | t under 37 CFR 1.97 and 1.98.   |   |  |  |  |  |  |  |  |
|   |              |   | ing. A separate cover sheet in compliance with  | 37 CFR 3.28 and 3.31 is included.               |  |  |  |  |  |  |  |
|   |              | A FIRST preliminary amendment.  |   |   |  |  |  |  |  |  |  |
|   |              | ·   | SECOND or SUBSEQUENT preliminary amendment.   |   |  |  |  |  |  |  |  |
| 15.   |              | ·   | ·   |   |  |  |  |  |  |  |  |
|   |              | A substitute specification.   |   |   |  |  |  |  |  |  |  |
|   |              | change of power of attorney and/or address letter.  |   |   |  |  |  |  |  |  |  |
|   |              |   | computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. |   |  |  |  |  |  |  |  |
|   |              | A second copy of the published inter-   | rnational application under 35 U.S.C. 154(d)(4).  |   |  |  |  |  |  |  |  |
|   |              |   | cond copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).       |   |  |  |  |  |  |  |  |
| 20.   | X            | Other items or information: General Sheet, International Search Report  | s of time and payment of fees, Application Data   |   |  |  |  |  |  |  |  |
|   |              |   |   |   |  |  |  |  |  |  |  |
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| S. APPLICATION NO. (15 known  |  | TIONAL APPLICATION  <br>PCT/F12003/000887 |                | JRNEY'S DOCK     |                  |                |  |  |  |
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| •   |  | . 0 17. 12000700000                       | <u></u>        |                  |                  | PTO USE ONLY   |  |  |  |
| Applicant(s) requests the information: BEANOR   | nat the published applica<br>OY, Helsinki, Finland   | tion include the following                | assignment     |                  |                  | 7 10 002 0.12. |  |  |  |
|   |  |   |                |                  |                  |                |  |  |  |
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|   |  |   |                |                  |                  |                |  |  |  |
| ▼ The following fees are submitted:   |  |   |                |                  |                  |                |  |  |  |
| Basic Filing Fee (1631)   | c Filing Fee (1631)  |   |                |                  | 300.00           |                |  |  |  |
| Surcharge of \$130.00 (1617 months from the earliest clai   |  |   | 20             | 30               |                  |                |  |  |  |
| CLAIMS  | NUMBER FILED   | NUMBER EXTRA                              | RATE           | \$               |                  |                |  |  |  |
| Total Claims  | 22 -20 =   | 2   | × \$50.00 (161 | 5) \$ 1          | 100.00           |                |  |  |  |
| Independent Claims  | 2 -3 =   | 0   | × \$200.00 (16 | 14)              | \$ 0.00          |                |  |  |  |
| MULTIPLE DEPENDENT CL   | AIM(S) (if applicable)   |   | + \$360.00 (16 | <del></del>      | \$ 0.00          |                |  |  |  |
| Examination Fee + \$200.00 (1633)   |  |   |                |                  | 200.00           |                |  |  |  |
| Search Fee  |  |   | + \$400.00 (16 |                  | 400.00           |                |  |  |  |
| App. Size Fee (add \$250.00   | for each add'l 50 sheets   | exceeding 100 sheets)                     |                | ··- <del></del>  | \$ 0.00          |                |  |  |  |
| 7,7   |  | TOTAL OF ABOVE                            | E CALCULATION  | NS = \$ 1,0      | 00.00            |                |  |  |  |
| Applicant claims small e are reduced by 1/2.  | entity status. See 37 CFF  | R 1.27. The fees indicate                 | ed above       | + \$5            | 500.00           |                |  |  |  |
|   |  |   | SUBTOTA        | AL = \$5         | 500.00           |                |  |  |  |
| Processing fee of \$130.00 (months from the earliest claim  | 30   | \$ 0.00                                   |                |                  |                  |                |  |  |  |
|   | E= \$5   | 500.00                                    |                |                  |                  |                |  |  |  |
| Fee for recording the enclose accompanied by an appropri  | y +  | \$ 0.00                                   |                |                  |                  |                |  |  |  |
|   |  | 500.00                                    |                |                  |                  |                |  |  |  |
|   |  |   |                | Amount           | to be            |                |  |  |  |
| a. A check in the amou  | int of   | to cover the above fees                   | is enclosed.   |                  | rged :           |                |  |  |  |
| b. Please charge my D duplicate copy of this  | to cover th  | to cover the above fees. A                |                |                  |                  |                |  |  |  |
| c. The Commissioner in Deposit Account No   | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No |   |                |                  |                  |                |  |  |  |
| d. X Charge\$ 500.0   |  | orm PTO-2038 is attache                   |                |                  |                  |                |  |  |  |
| NOTE: Where an appropri<br>or (b)) must be filed and gr   |  |   |                | petition to revi | ive (37 C        | CFR 1.137(a)   |  |  |  |
|   |  |   |                | )                |                  |                |  |  |  |
| SEND ALL CORRESPOND   | ENCE TO:   |   |                | Hor.             |                  |                |  |  |  |
| Buchanan Ingersoll PC Including attorneys from Burns, Doane, Swecker & Mathis P.O. Box 1404 Alexandria, Virginia 22313-1404 |  |   |                | M Cu             | Patrick C. Keane |                |  |  |  |
|   |  |   |                | Patrick C.       |                  |                |  |  |  |
| (703) 836-6620  | idia, viigiilia 22010-1404   |   |                | <u> </u>         |                  |                |  |  |  |
|   |  |   | 32,8           | 58 ·             | May              | 18, 2006       |  |  |  |
|   |  |   | REGISTRAT      | ION NO.          | ı                | DATE           |  |  |  |